Title (en)
Axle assembly for railway vehicles

Title (de)
Achseinheit für Schienenfahrzeuge

Title (fr)
Ensemble-essieu pour véhicules ferroviaires

Publication
EP 0965511 A3 20000322 (DE)

Application
EP 99110344 A 19990528

Priority
DE 19823980 A 19980529

Abstract (en)
[origin: EP0965511A2] The first respective member of the epicycle gears (5.6.7,8;5',6',7',8') of the wheel sets is coupled rotationally proof respectively with a vehicle wheel (1,1') across a respective wheel shaft (4,4'). A second respective member (7) rotating in the same direction is coupled with the corresponding member (7') across a shaft (9). A third member (6) is coupled rotating counter with the corresponding member (6') across a reversing drive (13). So that the rpm of the members coupled rotating in the same direction corresponding to a multiple of the sum of the absolute rpm of both vehicle wheels independent of their relative rpm. The rpm of the counter rotating connected members corresponds to a multiple of the relative rpm of the vehicle wheels, independent of the absolute rpm.

IPC 1-7
B61C 9/50; B61F 3/16; B61F 5/38; B61C 15/14

IPC 8 full level
B61C 9/50 (2006.01); **B61C 15/14** (2006.01); **B61F 3/16** (2006.01); **B61F 5/38** (2006.01); **F16H 48/06** (2006.01); **F16H 48/30** (2012.01); B60K 17/04 (2006.01)

CPC (source: EP)
B61C 9/50 (2013.01); **B61F 3/16** (2013.01); **B61F 5/38** (2013.01); **F16H 3/724** (2013.01); **F16H 37/0806** (2013.01)

Citation (search report)
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- [A] GB 201921 A 19240529 - KAREL WILLEM GERARD JOHAN STOF

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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 19823980 A1 19991209; DE 59901378 D1 20020613; EP 0965511 A2 19991222; EP 0965511 A3 20000322; EP 0965511 B1 20020508; ES 2172963 T3 20021001

DOCDB simple family (application)
DE 19823980 A 19980529; DE 59901378 T 19990528; EP 99110344 A 19990528; ES 99110344 T 19990528